

Please amend the present application as follows:

Specification

The following is a copy of Applicant's specification that identifies language being added with underlining ("__") and language being deleted with strikethrough ("—"), as is applicable:

Page 6, lines 4 through 10.

Each node 104 communicates with a plurality of clients 108 via any type of communication network, such as, for example, local cluster interface 106. In general, cluster computer system 100 operates as a single computing resource for delivering a mission-critical or time-critical computer application. Nonlimiting examples of such mission-critical or time-critical computer applications include: ~~Apache~~APACHE Web Server, ~~Oracle~~ORACLE Parallel Server Database, ~~PeopleSoft~~PEOPLESOFT Human Resource Management Software, SAP Supply Chain Management Software.

Page 6, line 21 through page 7, line 19.

Nodes 104 may comprise a central processing unit (CPU) 110, memory 112, local interface 114, a network interface card 116, input/output (I/O) device(s) 118, and storage device 119. CPU 110 may be based on any of a number of processor architectures, including, for example, RISC, CISC, VLIW, and Vector. Memory 112 may comprise an operating system 120, cluster middleware 122, applications 123, database 124, and cluster data collection module 125. Operating system 120 may be any operating system. For example, in certain embodiments, operating system 120 may be any preemptive multi-tasking operating system that permits networked file locking, such as, BeOS, MPE/iX, ~~Unix~~UNIX, and variants of ~~Unix~~UNIX, such as AIX, BSD, ~~Linux~~LINUX, SCO ~~Unix~~UNIX, ~~Solaris~~SOLARIS, SunOS, HP-UX and ~~Ultrix~~ULTRIX. In other embodiments, operating system 120 may be an operating system such as OS/2, ~~Windows~~WINDOWS, or ~~Windows NT~~WINDOWS NT.

Cluster middleware 122 may be any middleware layer that resides between operating system 120 and applications 123. Cluster middleware 122 provides what is

referred to in the art as a Single System Image (SSI) of cluster computer system 100. In general, cluster middleware 122 glues together operating systems 120 on all nodes 104 in cluster computer system 100 to offer unified access to applications 123. As known in the art, cluster middleware 122 may provide any of the following, and other, cluster services: checkpointing, automatic failover, recovery from failure, and fault-tolerant support among all nodes 104. In a preferred embodiment, cluster middleware 122 is ~~Hewlett Packard's~~ HEWLETT PACKARD'S "Multi-computer ServiceGuardSERVICEGUARD." In other embodiments, cluster middleware 122 may be ~~Beowulf for Linux, Microsoft Cluster Server~~ BEOWULF for LINUX, MICROSOFT cluster server (referred to as WolfpackWOLFPACK) for Windows WINDOWS or WindowsNT WINDOWS NT, or any other cluster middleware for providing any of a variety of cluster services.

As stated above, applications 123 may comprise at least one parallel application, which may be any mission-critical or time-critical computer application that needs to be reliably provided to all nodes 104 and clients 108 in cluster computer system 100, such as, Apache-APACHE Web Server, Oracle-ORACLE Parallel Server Database, PeopleSoft-PEOPLESOFT Human Resource Management Software, and SAP Supply Chain Management Software to name a few. Applications 123 may also comprise any of a number of scalar computer applications that operate independently of cluster middleware 122.